0 OUGS Proceedings 8 2022-cover FINAL.qxp_Layout 3 22/03/2022 13:49 Page 1

Proceedings of the Open University Geological Society
Volume 8 2022

page

ii Committee of the Open University Geological Society during 2021
iii Dissemination of information pathways
iv Editorial

Articles

1 Pioneering women in rock: some notable female geologists
Paul F. V. Williams
5 Mary Anning (1799–1847), Fossil hunter extraordinaire
Averil Leaver
9 Marie Tharp and the mystery of drifting plates
Colin Morley
13 Chalk (Clunch) Marks across Cambridgeshire
Philip Findlay
23 An exposure of brockram at Rougholme Point, south Cumbria
Duncan Woodcock
27 Assynt and Scotland's NW Highlands: Northumbria, August 2021
Paul F. V. Williams
41 Living in a post-glacial landscape: "Lumps, bumps, hollows, and wandering rocks" — Bas Chablais, Haute Savoie, France
Linda Fowler
51 Lockdown geological memories: an unplanned visit to the Petrified Forest near Calistoga, California
John Iley
55 The Banks Peninsula — South Island, New Zealand:-a tale of two volcanoes
Bev Chesterman
63 A palaeontological tour of south-east Morocco
Kath Addison-Scott
69 Cyprus copper: processes of ore formation and metal production — ancient and modern
Duncan Woodcock
75 Exploration geology in Western Australia and in the Canadian Yukon
Gosia Musur
81 The 2010 Eyjafjallajökull ash cloud
Angela Scarrott
85 Torquay decorative 'marble'
Chris Popham
93 Neolithic and Bronze Age use of geological resources in Britain
Steve Woodward
115 From hollow guts to nettles: my favourite fossil
Mike Grover
119 The global impact of a slowdown of Antarctic Bottom Water
Susan Graham
123 Polygonal columnar cooling joints in intermediate and felsitic lithologies, with examples from the English Lake District
Duncan Woodcock
129 The Cambrian Explosion: a theory
Brian R. J. Glover

Book reviews are on pages 12, 26, 40, 54, 62, 80, 92 and 132–47
Obituaries are on pages 148–50
Editor's notes to contributors — page 151

following page 151
OUGS Moyra Eldridge Photographic Competition 2019: *Winning and Highly Commended photographs*

It is the responsibility of authors to obtain the necessary permission to reproduce any copyright material they wish to use in their articles. The views expressed in the OUGS Proceedings *are those of the individual authors and do not represent those of the Open University Geological Society. In the opinion of the author the description of venues are accurate at the time of going to press; the Open University Geological Society does not accept responsibility for access, safety considerations or adverse conditions encountered by those visiting the sites described in these articles.*

Following, and paginated separately:

1–40 ***OUGS Annual Report for 2021*** (AGM 2021, Officer and Branch Organiser reports, OUGS Constitution, OUGS Journal & Proceedings Index)

Cover inage: Brockram exposures, Rougholme Point, Cumbria.

Open University Geological Society Journal
ISSN 2058-5209 © Copyright reserved

Open University Geological Society Website: ougs.org

Proceedings of the Open University Geological Society

Volume 8 2022

OUGS 50 1972 - 2022

Proceedings of the Open University Geological Society

Volume 8 2022